

FACSIMILE OF U.S. DEPARTMENT OF COMMERCE FORM PTO-1449 Patent and Trademark Office (REV. 6-89)		ATTORNEY'S DOCKET NUMBER D7661-10	SERIAL NUMBER
INFORMATION DISCLOSURE CITATION (Use Several Sheets if Necessary)		APPLICANT Albert Augustus Mullins, et al.	
		FILING DATE 3672	GROUP ART UNIT 10/052343

01/18/02

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
SA	1,662,311	3/28	Hamer			
SA	1,866,726	7/32	Santiago			
SA	2,223,388	1/40	Scaramucci			
SA	2,620,037	12/52	McClendon			
SA	3,361,453	1/68	Brown, et al.			
SA	3,863,716	2/75	Streich			
SA	3,915,226	10/75	Savage			
SA	4,076,083	2/78	Sizer			
SA	4,100,968	7/78	Delano			
SA	4,246,967	1/81	Harris			
SA	4,290,482	9/81	Brisco			
SA	4,522,430	6/85	Stromberg			
SA	4,524,998	6/85	Brisco			
SA	4,566,168	1/86	Stromberg			
SA	4,613,161	9/86	Brisco			
SA	4,624,483	11/86	Stromberg			
SA	4,655,286	4/87	Wood			
SA	4,718,495	1/88	Lubits, et al.			
SA	4,817,724	4/89	Funderburg, Jr., et al.			
SA	4,913,231	4/90	Muller, et al.			
SA	4,997,042	3/91	Jordan, et al.			
SA	5,152,554	10/92	LaFleur, et al.			
SA	5,191,939	3/93	Stokley			
SA	5,236,035	8/93	Brisco, et al.			
SA	5,249,629	10/93	Jennings			
SA	5,282,653	2/94	LaFleur, et al.			
SA	5,411,095	5/95	Ehlinger, et al.			

EXAMINER

DATE CONSIDERED

8/24/2003

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U.S. PATENT DOCUMENTS <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>EXAMINER INITIAL</th> <th>DOCUMENT NUMBER</th> <th>DATE</th> <th>NAME</th> <th>CLASS</th> <th>SUBCLASS</th> <th>FILING DATE IF APPROPRIATE</th> </tr> </thead> <tbody> <tr><td>LL</td><td>5,413,171</td><td>5/95</td><td>Womack</td><td></td><td></td><td></td></tr> <tr><td>LL</td><td>5,435,390</td><td>7/95</td><td>Baugh, et al.</td><td></td><td></td><td></td></tr> <tr><td>LL</td><td>5,441,310</td><td>8/95</td><td>Barrett, et al.</td><td></td><td></td><td></td></tr> <tr><td>LL</td><td>5,443,122</td><td>8/95</td><td>Brisco</td><td></td><td></td><td></td></tr> <tr><td>LL</td><td>5,499,687</td><td>3/96</td><td>Lee</td><td></td><td></td><td></td></tr> <tr><td>LL</td><td>5,501,280</td><td>3/96</td><td>Brisco</td><td></td><td></td><td></td></tr> <tr><td>LL</td><td>5,553,667</td><td>9/96</td><td>Budde, et al.</td><td></td><td></td><td></td></tr> <tr><td>LL</td><td>5,584,343</td><td>12/96</td><td>Coone</td><td></td><td></td><td></td></tr> <tr><td>LL</td><td>5,641,021</td><td>6/97</td><td>Murray, et al.</td><td></td><td></td><td></td></tr> <tr><td>LL</td><td>5,660,234</td><td>8/97</td><td>Hebert, et al.</td><td></td><td></td><td></td></tr> <tr><td>LL</td><td>5,735,348</td><td>4/98</td><td>Hawkins, III</td><td></td><td></td><td></td></tr> </tbody> </table>							EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	LL	5,413,171	5/95	Womack				LL	5,435,390	7/95	Baugh, et al.				LL	5,441,310	8/95	Barrett, et al.				LL	5,443,122	8/95	Brisco				LL	5,499,687	3/96	Lee				LL	5,501,280	3/96	Brisco				LL	5,553,667	9/96	Budde, et al.				LL	5,584,343	12/96	Coone				LL	5,641,021	6/97	Murray, et al.				LL	5,660,234	8/97	Hebert, et al.				LL	5,735,348	4/98	Hawkins, III			
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FACSIMILE OF FORM PT -1449 (REV. 6-89)		U. S. DEPARTMENT OF COMMERCE Patent and Trademark Office		SEARCHER'S DOCKET NUMBER D7661-10	ATTY. NUMBER
INFORMATION DISCLOSURE CITATION (Use Several Sheets if Necessary)		APPLICANT Albert Augustus Mullins, et al.		FILING DATE	
				GROUP ART UNIT	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)					
<p>B.J. Hughes Brochure, "Subsea Cementing Systems", P.600</p> <p>B&W Incorporated Brochure, "B&W Rotating Surface Casing Cementing Method", P. 502</p> <p>B&W Incorporated Brochure, "Gravel Compaction", pp. 509-510</p> <p>TAM International Brochure, "TAM Casing Circulating Packer", 1991</p> <p>Frank's Casing Crew & Rental Tools, Inc., Brochure, "HiTop Model FC-1 Fill-Up/Circulation Tool"</p> <p>Frank's Casing Crew & Rental Tools, Inc., Technical Manual, "HiTop Oil Tools", Rev. A, 3/2/95</p> <p>Frank's Casing Crew & Rental Tools, Inc., Technical Manual, "HiTop Oil Tools", Rev. A, 2/28/95</p> <p>TAM International Article, "Running Procedure for 11" & 7" O.D. Casing Circulating Packer Fill-Up, 13 3/8" & 9 5/8" Casing, March 9, 1993, pp. 1-2</p> <p>LaFleur Petroleum Services, Inc., Procedural Brochure, "Autoseal Circulating Head", April 25, 1995, PP. 1-10</p> <p>Wassenborg, M., "Franks FC-1 Circulation Packer Washes 13 5/8" Casing to Bottom", The Brief, 6/95</p> <p>Halliburton Services, Technical Drawing #3481</p> <p>Davis-Lynch, Equipment Catalog No. 11, 1993, 866-895</p> <p>Halliburton Information, Oil & Gas Journal, P. 12</p> <p>Composite Catalog, 1965, "Brown Hyflo Liner Packers", P 944</p> <p>PBL Drilling Tools, Ltd., Brochure, Hydro Mechanical Casing Circulator</p> <p>Composite Catalog, "Brown Duo-Packer", p. 919</p> <p>Composite Catalog, Baker Packers, "Waterflood Systems", p. 701</p> <p>Composite Catalog, Arrow Oil Tools, Inc., Retrievable Bridge Plug, p. 296</p> <p>Composite Catalog, Bowen Power Equipment, Bowen Power Swivels, pp. 565, 567</p> <p>Wepco Brochure, "Hydraulically Operated Circulation Head"</p> <p>Miscellaneous information on Davis-Lynch, Inc. Fill and Circulate (FAC) Tool for Top Drive Drilling Systems, 2 pages, date unknown</p> <p>Halliburton Services, information on Quick-Latch Coupler Head, Oil & Gas Journal, 1 p., 10/88</p> <p>Misc. information on Halliburton Services Plug Containers, Selective Release Plug System and SSR(Sub-Surface Release)Cementing Plug Method, 4 pages, date unknown</p> <p>Frank's International, Brochure on Fill-Up & Cementing Tool System and FC-1 Fill-Up & Circulating Tool With Sliding Sleeve, 2 pages, date unknown</p> <p>Frank's Hilltop, drawings, 5 pages, date unknown</p> <p>HiTop Oil Tools, Misc. information on Model FC-1 Fill-Up Circulation Tool, 2 pages, date unknown</p> <p>Drawing of Lafleur Petroleum Services AutoSeal Circulating Head, 1 page, date unknown</p> <p>Misc. information on Tam International Casing Circulating Packers, 8 pages, date unknown</p>					
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INFORMATION DISCLOSURE CITATION (Use Several Sheets if Necessary)		APPLICANT ALBERT AUGUSTUS MULLINS, et al.	
		FILING DATE	GROUP ART UNIT 36

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
						YES NO
<i>al</i>	WO93/07358	4/15/93	PCT	—	—	—

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)						
<i>al</i>		Guiberson Type GW Packer Cup; page 1964 (1950 Composite)				
<i>al</i>		Page Oil Tools, Inc. Bottom Hole Oil and Gas Separator ; page 3965 (1950 Composite)				
<i>al</i>		McGaffey-Taylor Corp., Oil Well Service; M & T Shoe Squeeze Tool; pp. 3634-35; (1960 Composite)				
<i>al</i>		Guiberson, GW Cup Type Packers; page 2176; (1966/67)				
<i>al</i>		Guiberson, Typical GW Packer Applications; page 2177; (1966/67)				
<i>al</i>		Guiberson, Type SJ Circulating Slide Valve; page 2183; (1966/67)				
<i>al</i>		Page Oil Tools, Page Forced Flow Downhole Separator, page 3959; (1966/67)				

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Form PTO-1449 Department of Commerce Patent and Trademark Office INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)	Docket No.		Serial No.			
	D7661-10					
	Applicant Albert Augustus Mullins, et al.					
	Filing Date		Group Art Unit 8672			
U.S. PATENT DOCUMENTS						
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
Ol	4,111,261	9/5/78	Oliver.	—	—	
ll	4,188,050	2/12/80	Lochte	—	—	
ly	4,433,725	2/28/84	Bowyer	—	—	
ler	4,655,302	4/7/87	McCreadie, et al.	—	—	
ler	5,645,131	7/8/97	Trevisani	—	—	
ly	5,682,952	11/4/97	Stokley	—	—	
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
OTHER (Including Author, Title, Date, Pertinent Pages, Etc.)						
EXAMINER	Doms		DATE CONSIDERED			8/24/2013
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INFORMATION DISCLOSURE CITATION (Use Several Sheets if Necessary)		APPLICANT Albert Augustus Mullins, et al.	
		FILING DATE	GROUP ART UNIT 8572

U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

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<p>FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev. 2-32). PATENT AND TRADEMARK OFFICE</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p>(Use several sheets if necessary)</p>	ATTY. DOCKET NO.	SERIAL NO.
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U.S. PATENT DOCUMENTS

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<i>JK</i>		<p>CFT Drill Pipe Circulating & Flow-Back Tool, Brochure, Gus Mullins & Associates, 1999, 2 pages</p>
		<p><i>JK</i></p> <p>Wepco information on Wepco Hydraulicall Operated Circulation Head for Casing Running in Highly Deviated-/tight wells, date unknown, 5 pages</p>

EXAMINER	Dan X	DATE CONSIDERED	8/29/2023
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(Form PTO-1449)